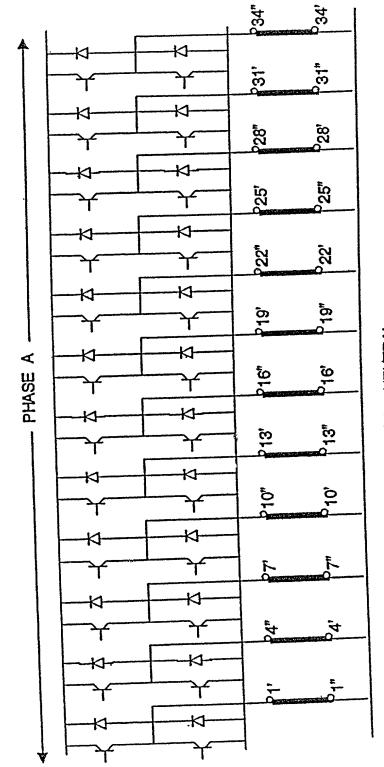
FIG. 1

	Phase ar	nd coil co	nnections	for the 12-	-pole mac	hine confi	guration.						
Machine	Coil	Machine Phases											
pole	Number	+A	+B	+C	-A	-B	-C						
N	1	X											
	2					X							
	2 3 4 5			X									
S	4				X								
	5		X										
	6						X						
N	7	X											
	. 8					X							
	9			X									
S	10				X								
	11		. X										
	12						X						
N	13	X											
	14					X							
	15			X									
S	16				X								
	17		X										
	18						X						
	19	X											
N	20					X							
11	21		•	X									
	22				X								
S	23		Х										
S	24						X						
	25	X											
N	26					X							
	27			X									
	28		 		X								
S	29		X.										
	30						X						
 	31	X											
N	32	42		 		X							
I N	33			X									
	34			 	X								
S	35		X		 								
			<u>^</u>		-		X						
	36	l	<u> </u>	<u> </u>		<u> </u>	1						

FIG. 2



MOTOR NEUTRAL

FIG. 3

Phase and coil connections for 4-pole machine configuration.

		Phase and coil connections for 4-pole machine configuration.																	
Machine	Coil	MACHINE PHASES																	
pole		+A	+B	+C	+D	+E	+F	+G	+H	<u>+I</u>	<u>-A</u>	<u>-B</u>	<u>-C</u>	-D	<u>-E</u>	-F	-G	-H	-I
N	1	X																	
	2															X			
	3		X																
	4																X		
	5			X														7.5	
	6															ļ		X	
	7				X														V
	8																		X
	9					X													
	10										X								
	11						X												
	12											X							
	13							X							<u> </u>				
S	14												X				ļ		
<u></u>	15								X									ļi	
	16													X					
	17									X								 	
	18														X				
	19	X																	
	20	1														X			
	21	1	X									<u> </u>							
	22																X		
N	23			X														<u> </u>	
	24	1															 	X	
	25	1	1		X								<u></u>						
	26	1			1	1													X
	27	1				X													ļ!
S	28	1	1	1	1						X						<u> </u>		ļ
	29	1	1	1	1	1	X		T										
	30	1-	1	1	1	1						X					ļ	 	
	31	+	1	+-	1	1	1	X		1									
	32	1-	\dagger	1-	+	1	1	1	1		1		X			_	_	ļ	
	33	+-	+-	1-	+	1	十	1	X	1	1		T					1	1
	34	+-	+	1	+	+	1	+	1	1	1		1	X					
	35	1	+-	+-	+-	1	1	1	1	$\overline{\mathbf{x}}$	1	1	T						
	36	+	+	1-	+	+-	十	1	\top	1	1	1	1	T	X				
	1 20					i	ــــــــــــــــــــــــــــــــــــــ										_		

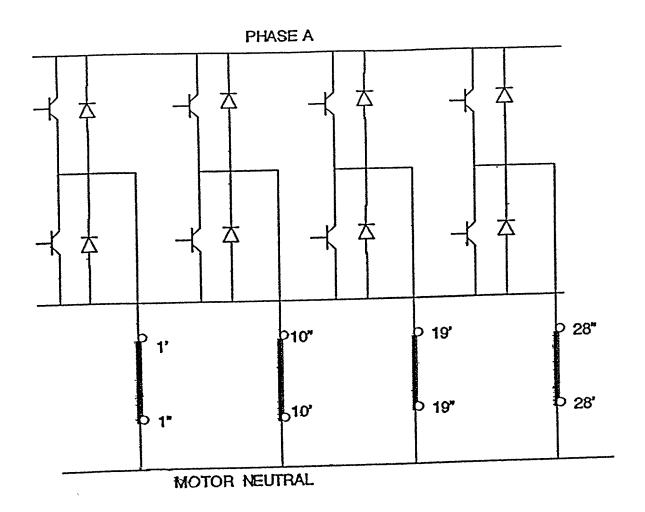


FIG. 4

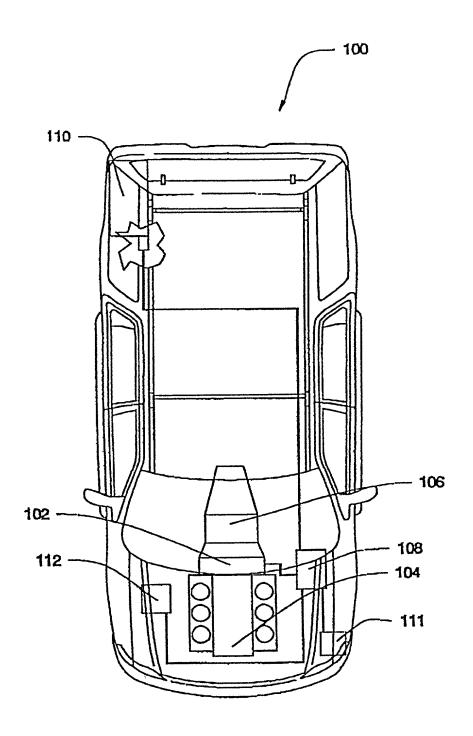


FIG. 5

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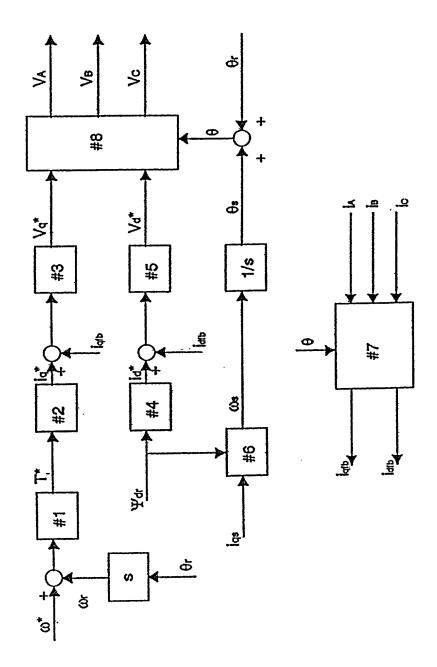
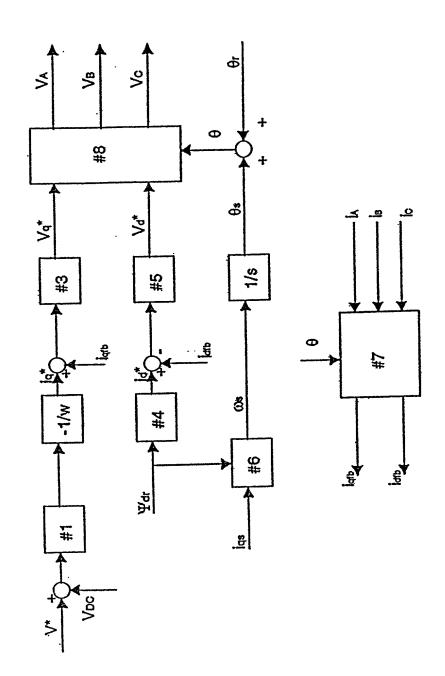


FIG. 7



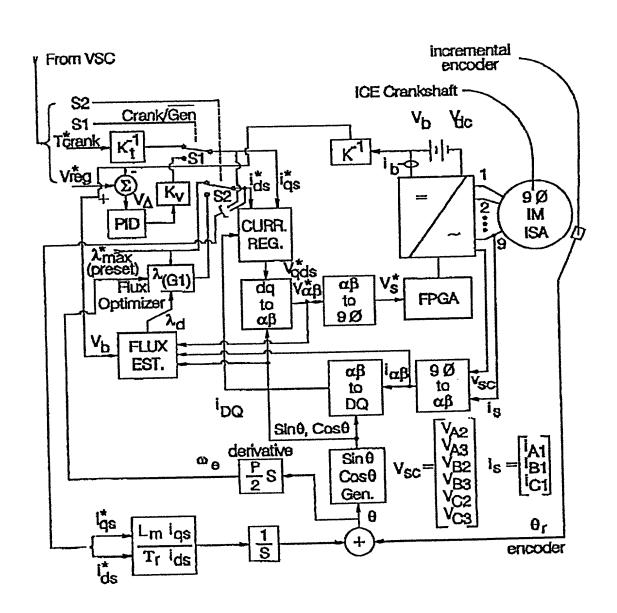


FIG. 8